

Stimulating Energy Efficiency

in Kentucky



Greg Guess
Kentucky Dept. for Energy
Development & Independence
September 18, 2013

Action Plan at:
<http://energy.ky.gov/Programs/Pages/SEE-KY.aspx>



Stimulating Energy Efficiency in Kentucky

3

- Action Plan released May 15, 2013
- Plan contains 27 Action Items:
 - All sectors - 6
 - Residential - 7
 - Commercial - 6
 - Industrial - 4
 - Federal - 4

All Sectors Action Items

4

- A1. Measure statewide energy efficiency targets using electric utility data reported voluntarily to DEDI
 - Status: 2012 data already submitted and under evaluation
- A2. Create peer exchange mechanism for gas/electric utilities to share DSM best practices
 - Status: Under discussion
- A3. Condition state funding on minimum energy efficiency outcomes, per life cycle costs
 - Status: Some programs already do this; exploring others; DLG providing leadership for local governments

All Sectors Action Items, cont.

5

- A4. Develop robust education and training program for each consumer group
 - Status: Some sector-specific educational programs underway
- A5. Convene workgroup to evaluate effects of utility rate design on efficiency incentives
 - Status: PSC has approved one electric cooperative; monitoring effects
- A6. Assist non-regulated (esp. municipal) utilities to develop comprehensive efficiency programs
 - Option: Peer exchange (per A1)

Residential Action Items

6

- R1. Support KY Home Performance to increase market penetration
 - Status: Phase 2 underway; presentation to provide update
- R2. Improve residential housing stock via utility & community weatherization programs
 - Status: Community Action of KY coordinating with utilities
- R3. Improve efficiency of residential buildings through implementation of energy codes
 - Status: On-going training of contractors and inspectors; workgroup meeting to evaluate code upgrade ; resources needed

Residential Action Items, cont.

7

- R4. Increase innovative efficiency financing options, such as on-bill financing
 - Status: PSC approval of permanent tariff; MACED board approves statewide service; funding support through DEDI and KHC
- R5. Provide incentives for efficiency retrofits in rental property
 - Status: Researching options
- R6. Develop advisory group to address manufactured housing
 - Status: Workgroup meeting to outline options/next steps
- R7. Expand existing state provided efficiency incentives
 - Status: Requires legislation

Commercial Action Items

8

- C1. Expand access to low-cost financing for private entities
 - Status: Commercial Property Assessed Clean Energy (C-PACE) presentation to provide update
- C2. Recapitalize the KY Green Bank for public buildings
 - Options: Bond sales, pension fund investment
- C3. Promote energy efficiency via “lead by example” for state owned facilities
 - Status: Continue Commonwealth Energy Management Control System (CEMCS); Green Bank; performance contracting; High Performance Buildings standards

Commercial Action Items, cont.

9

- C4. Improve efficiency through consistent implementation of building codes
 - Status: On-going training of contractors and inspectors; workgroup meeting to evaluate code upgrade; resources needed
- C5. Devise creative incentives for commercial rental property
 - Status: Monitoring other state models; seeking input
- C6. Expand existing state-provided efficiency incentives, i.e. tax credits
 - Status: Requires legislation

Industrial Action Items

10

- I1. Establish revolving loan fund for industrial efficiency improvements
 - Status: Commercial Property Assessed Clean Energy (C-PACE); industrial revenue bond legislation
- I2. Convene work group to discuss the application of the DSM statute opt-out provision
 - Status: Discussion underway
- I3. Modify existing state-level incentives to encourage investment in efficiency
 - Status: Requires legislation

Industrial Action Items

11

- I4. Expand access to low-cost financing for private entities
 - Options: Commercial Property Assessed Clean Energy (C-PACE) presentation to provide update

Federal Action Items

12

- F1. DOE/DHS to evaluation FEMA requirements for efficient emergency structures
- F2. Enhance efficiency solutions through LIHEAP and Weatherization Assistance Program
- F3. Ensure coordination of federal programs to set efficiency standards as condition of awards
- F4. DOE work with HUD to improve efficiency standards on manufactured homes

Presenters

13

- Harry Carver, Dept. for Local Government – Energy Efficiency for Local Governments
- Jeremy Faust, Greater Cincinnati Energy Alliance – C-PACE
- Tom Abele, Trane Corporation – Combined Heat and Power
- Andrew Isaacs, Kentucky Housing Corporation – KY Home Performance